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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings or claims in the application.

- (Previously presented/Allowed) A composition comprising (i) Mycobacterium w and/or
 constituent(s) thereof as an adjuvant, (ii) an antigen, wherein the antigen is not Mycobacterium w
 and/or constituent(s) thereof, and (iii) a pharmaceutically acceptable carrier, wherein the
 composition results in an enhanced antigen associated immune response of the antigen compared
 to a composition where component (i) is absent.
- (Previously presented /Allowed) A composition as claimed claim 1, further comprising other adjuvants.
- 3. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the *Mycobacterium w* is a killed *Mycobacterium w*.
- 4. (Previously presented /Allowed) A composition as claimed in claim 3, wherein the killed Mycobacterium w is killed by heat, radiation, preferably by autoclaving.
- (Previously presented /Allowed) A composition as claimed in claim 1, wherein the constituent(s) of Mycobacterium w is/are obtained by sonication.
- (Previously presented /Allowed) A composition as claimed in claim 1, wherein the constituent(s) of Mycobactertum w is/are obtained by high pressure cell fractionator.
- 7. (Previously presented) A composition as claimed in claim 1, wherein the constituent(s) of *Mycobacterium w* is/are obtained by osmotic pressure gradient.
- 8. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the constituent(s) of Mycobacterium w is/are obtained from the Mycobacterium w by extraction.
- (Previously presented /Allowed) A composition as claimed in claim 1, wherein the
 constituent(s) of Mycobacterium w is/are extracted from the Mycobacterium w by organic
 solvents.
- 10. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the constituent(s) of Mycobacterium w is/are extracted using solvents selected from the group consisting of chloroform, ethanol, methanol, acetone, phenol, isopropyl alcohol, acetic acid, urea,

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and hexane

11. (Previously presented /Allowed) A composition as claimed in claim 1 wherein the constituent(s) of *Mycobacterium* w is/are obtained by enzymatic treatment,

- 12. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the constituent(s) of Mycobacterium w is/are obtained by using enzyme lyticase and/or pronase.
- 13. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the constituent(s) of Mycobacterium w is/are substantially water insoluble.
- 14. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the *Mycobacterium w* is a non-pathogenic, fast growing, cultivable, atypical Mycobacterium, with biochemical properties and growth characteristics substantially similar those belonging to Runyons group IV class of Mycobacteria.
- 15. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the Mycobacterium w is urease negative, does not hydrolyse a compound of the formula below, does not produce niacin, and provides positive response to nitrate reduction test,

- 16. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the Mycobacterium w and/or constituents thereof are mixed, formulated, conjugated, primed, fused and/or linked with the antigen.
- 17. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the antigen is selected from the group consisting of one or more peptides, one or more polypeptides, one or more cells, one or more cell extracts, one or more polysaccharides, one or more polysaccharide conjugates, one or more lipids, one or more glycolipids, one or more carbohydrates, one or more proteins, one or more viruses, one or more viral extracts, and one or

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more nucleic acids.

- 18. (Previously presented /Allowed) A composition as claimed in claim 1, wherein the antigen(s) is isolated from an infectious agent selected from the group consisting of virus, bacterium, fungus and parasites.
- (Previously presented /Allowed) A composition as claimed in claim 1, wherein the antigen(s) is a tumor associated antigen.
- (Previously presented /Allowed) A composition as claimed in claim 1, wherein the antigen is a tumor specific antigen.
- (Previously presented /Allowed) A composition as claimed in claim 1, wherein the antigen(s) is an allergen.
- 22. (Cancelled)
- 23. (Canceled)
- 24. (Canceled)
- 25. (Canceled)
- 26. (Canceled)
- (Canceled)
- (Canceled)
- 29. (Currently amended) An adjuvant comprising Mycobacterium w and/or a constituent thereof [[as an]] wherein said adjuvant stimulates an immune response against a mixed or conjugated to an incorporated antigen or immunogen wherein the antigen or immunogen is not Mycobacterium w or a constituent thereof.